

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2019 TO 2024**

PROJECT #	WAC1110000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT TITLE	NE 45TH STREET AND 110TH/111TH AVENUE NE WATERMAIN REPLACEMENT		
PROJECT LOCATION	108th Avenue NE to 110th Avenue NE / NE 45th Street to NE 53rd Street	PROJECT START	PROJECT STATUS
		Undetermined	Modified Project

DESCRIPTION/JUSTIFICATION			
Replacement of approximately 3,100 feet of 6-inch asbestos concrete line and 6-inch cast iron line with new 8-inch ductile iron pipe along NE 45th Street between 108th Avenue NE and 110th Avenue NE and on NE 110th/111th Avenue NE between NE 45th Street and NE 53rd Street.			

REASON FOR MODIFICATION (WHERE APPLICABLE)
Total project costs changed from \$1,303,000 to \$1,371,000 based on a one-time escalation of 5% in 2018 to reflect current regional construction inflation.

POLICY BASIS	METHOD OF FINANCING (%)
Water Comprehensive Plan	Current Revenue 0 %
	Reserve 0 %
	Grants 0 %
	Other Sources 0 %
	Debt 0 %
	Unfunded 100 %
COUNCIL GOALS	
Dependable Infrastructure	

CAPITAL COSTS	COSTS TO BE FUNDED
Planning/Design/Engineering	191,000
In-House Professional Svcs.	80,000
Land Acquisition	0
Construction	1,100,000
Comp. Hardware/Software	0
Equipment	0
Other Services	0
Total	1,371,000
NEW MAINT. AND OPER.	0
NEW FTE	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>Minor disruption to local traffic and pedestrian access is expected during construction.</i>
Community economic impacts	<i>Lower maintenance costs through modernization of the water system infrastructure.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Benefits area residents through increased fire flow.</i>
Responds to an urgent need or opportunity	<i>Represents a timely replacement of a portion of the water system infrastructure consistent with the 2014 Water Comprehensive Plan.</i>
Feasibility, including public support and project readiness	<i>Project represents scope of work that is typical for water utility construction.</i>
Conforms to legal or contractual obligations	<i>Project will be designed and constructed per legal and professional guidelines and requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Connects to other neighborhood CIP watermain projects.</i>
Implications of deferring the project	<i>Possible disruption in water service and a decrease in fire flow capacity over time.</i>
CONFORMANCE WITH ADOPTED COMPRE-HENSIVE PLAN	<p>Name of Neighborhood(s) in which located: <i>Central Houghton</i></p> <p>Is there a specific reference to this project or land use in the immediate</p> <p>How does the project conform to such references?</p> <p>Attachments <input type="checkbox"/> (Specify)</p>
LEVEL OF SERVICE IMPACT	<p><input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).</p> <p><input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 10%</p> <p><input type="checkbox"/> Project assists in meeting/maintaining adopted level of service.</p> <p><input type="checkbox"/> Project required to meet concurrency standards.</p>